

# SERGEY KUCHEROV

Enterprise Architecture, Cloud Computing, Big Data, Agile Development

## PROFILE

- ▶ Innovative, high-impact technology leader with more than 25 years of experience producing large-scale technology solutions in complex multi-layered environments. Career success providing thought leadership and delivering winning end products by aligning architecture capabilities with business strategies concerning business goals and objectives.
- ▶ Advantage stems from the breadth of skill set, spanning architecture governance, project management, IT security, Web UI, mobile technologies, simulation, Big Data, the blockchain, cloud computing, and DevOps.
- ▶ Applied experience building top-talent multidisciplinary teams from the ground up. Empower development teams to take ownership and generate high-quality deliverables, using hands-on, action-oriented leadership.
- ▶ Career wins include development of a strategic architecture roadmap for Nielsen's Sales Effectiveness application ecosystem platform, integral contribution to modular applications platform design, and command of an agile development team in rapid prototyping of future platform components.
- ▶ Data-driven strategist with expertise in creating best-fit solutions through cross-functional collaboration with global teams and stakeholders. Recognized for achieving ambitious business goals despite tight budgets and limited resources.

## CORE COMPETENCES

- Enterprise Architecture
- User Experience Design
- Customer Needs Assessment
- Software Development Lifecycle
- Cloud Computing (Azure, AWS)
- Big Data Architecture
- Business Intelligence (BI)
- Budget Oversight | Cost Control
- Agile Software Development
- IT Security | Risk Management
- Business Process Automation
- DevOps

## PROFESSIONAL OVERVIEW

### Senior Manager | SOGETI USA

2017 to Present

- Have joined the Chicago office as a cloud practice leader. Helping the clients to plan and execute transition strategies by creating and managing enterprise-wide architecture and DevOps processes. Working with various business and technology partners to deliver cohesive, secure, and scalable technical solutions.
- Develop and mentor staff in strategic technology architecture competencies. Enable and facilitate knowledge management across the practice.

#### *Select achievements*

- Led the development of platform modernization architecture for the world's largest campus retailer, provider of education technology and digital content. Collaborated with IBM cloud team in creating strategic architecture roadmap to build a scalable e-commerce solution using Angular JS, Node.js, Websphere Commerce, and AEM..
- Led the strategic BI architecture modernization and agile transformation initiative. Managed the cross-functional team consisting of developers, business analysts, quality control engineers both onshore and offshore.
- Selected by management to provide architecture guidance and thought leadership for several clients IT initiatives. Served as a member of the client architecture governance team.

### Chief Architect | THE NIELSEN COMPANY

2008 to 2016

- Ownership of innovative architecture and software development for the Nielsen Buy platform. Designed and led development of custom Big Data analytics and reporting solution using HTML5, Java, Tibco AMX, Oracle, Elastic Search, Cloudera, and Netezza..
- Led the enterprise architecture program for the Sales Effectiveness organization, its strategic vendors, and a technology investment plan. Developed the roadmap for implementing future state enterprise architecture. Ensured the integrity of strategic digital solutions by providing agile development teams with architecture guidance.

### Select achievements

- Collaborated with product leaders and architects in designing a modular applications ecosystem platform. Led an agile development team in rapid prototyping of future platform components.
- Lead architecture governance and CTO reviews for several Nielsen programs. Leverage NoSQL, Hadoop, and cloud infrastructure to architect and prototype solutions.
- Improve and enhance existing applications by applying principles of evolutionary architecture and continuous design.
- Established DevOps practices across the organization. Enabled automated testing of the platform API by implementing best practices and tailored tools.
- Delivered architecture support in the planning and execution of a large data center migration project.

### Senior IT Architect | IBM GLOBAL SERVICES

2001 – 2008

- Exclusively selected to provide technical leadership to a systems engineering team, focused on complex engagement, combining package implementation, business process improvement, service-oriented architecture, and custom software development.
- Serving as global architect for worldwide IBM Business Intelligence solutions orchestrated US, Europe, and Asia IBM project teams in establishing standard processes, architecture, and strategic plans.
- Managed a globally diverse workforce with ~30 full-time and contract employees.

### Select Achievements

- Designed and implemented several solutions for system integration and business consulting projects with budgets no less than \$1M.
- Built a high-performance team of internal/external associates by supervising recruitment, outsourcing vendors, and selecting technology partners.

## PREVIOUS ROLES

### Principal Consultant | PWC (1993 – 2000)

Has cofounded several startup projects both in the US and overseas.

## EDUCATION | PROFESSIONAL DEVELOPMENT

- ▶ **Master of Science** in Physics, Moscow State University, Moscow, Russia
- ▶ **Certifications:** IBM Certified Systems Engineer • IBM Certified Architect • OpenGroup Architect • WebMethods Developer
- ▶ **Professional Development:** Wolfram Mathematica • TIBCO AMX and BW • Advanced Web Services Development with WSAD • Negotiation Skills • Presentation Skills • Architectural Thinking • Client Consulting for IT Architects • Business Process Modeling using UML • SAP Portal • Developing SAP ITS Components • WebMethods B2B • Project Management
- ▶ **Publications & Presentations:** White Papers—IBM and Nielsen • Seminar and Team Training Session Speeches—IBM, Nielsen, and Sogeti
- ▶ **Committees:** Design Integration Review Team (DIRT), Nielsen • Web Architecture Review Board, IBM

## TECHNICAL SKILLS

*Architecture:* Cloud Computing • Big Data • Functional Programming • Blockchain • DevOps • Web Components • Service-Oriented Architecture (SOA) • MapReduce • Application Architecture • Business Process Management • Multi-Platform Integration • Business Intelligence • Object-Oriented Design and Development

*Languages:* JavaScript • Java • C# • F# • Scala • C++ • Python • PHP • Pascal

*Packages:* Azure • AWS • React • AngularJS • Node.JS • NiFi • CouchBase • ElasticSearch • PowerShell • SharePoint • Lotus Notes/Domino • WebMethods • TIBCO AMX/BW • COGNOS • PowerBI • Tomcat • IBM WebSphere • SAP R/3 • IBM CBS • Microsoft.NET • Databases • B2B & EAI • Middleware • Windows • Linux • SQL • HTML5 • Enterprise Entitlement • IT Security

## SERGEY KUCHEROV

Aurora, IL  
http://skch.net



p: +1(630) 290-2400  
e: skucherov@gmail.com  
l: linkedin.com/in/skucherov  
g: github.com/skch